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**Sugiura**

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(54) **ELECTRIC VEHICLE**

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See application file for complete search history.

(57)

**ABSTRACT**

An electric vehicle includes: a main battery; an electric power converter configured to convert power to driving power of a drive motor; an auxiliary battery configured to supply power to auxiliaries; a power supply harness connecting the auxiliary battery to the auxiliaries; a step-down converter having an output end connected to the power supply harness, the step-down converter being configured to step down an output voltage of the main battery to the driving voltage of the auxiliaries; an interrupter configured to isolate the step-down converter from the power supply harness at the time when a predetermined specific abnormality has been detected; and a discharger configured to discharge a capacitor incorporated in the electric power converter, the discharger being configured to operate by receiving electric power supplied from a first power supply path which connects the output end of the step-down converter to the interrupter.

**6 Claims, 4 Drawing Sheets**

